

Genset  
Model:

## YXP250RSC & RS

X-Series

Enclosed set



Open Set



*\*\* The images are for illustration purposes only.*

Frequency	Phase	Power Factor	Prime Output	Standby
50Hz	3	0.8	250 kVA / 200 kW	275 kVA / 220 kW

### Ratings

- Prime output: This rating is applicable for supplying continuous electrical power at variable load. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.
- Standby output: This rating is applicable for supplying electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings.
- Standard reference conditions: 25°C, 100m A.S.L., 30% relative humidity.

### Design Features

- High quality assembly, providing stiffness and low vibration.
- Powder coated canopy. Corrosion and scratch resistant.
- Compact and long service life.
- Wiring and connectors with double protection.
- Protection guards in radiator and high voltage parts.
- Full 12 month YorPower warranty.

### Design Standards

- CE marking
- ISO8528.5
- GB/T2820.5
- ISO 9001

### Configuration

- 4-Stroke diesel engine.
- Industrial silencer.
- Single bearing, 4 pole brushless alternator.
- Anti vibration mountings.
- Integral fuel tank with bunded base protection.
- Fuel level sensor.
- Auto start control system with electronic digital control module DSE7420.
- Output circuit breaker.
- Emergency stop button.
- High engine temperature and low oil pressure shutdown system.
- 12V starter battery with leads and switch.

### Acoustic canopy features

- Water and dust proof design.
- Door locks.
- High quality sound absorbing and fire retardant inner material.
- Lifting lugs.
- Forklift holes in base.

Unit 2, Hurricane Close, Sherburn in Elmet, Leeds, LS25 6PB, United Kingdom  
+44 1977 688155 • sales@yorpowers.com

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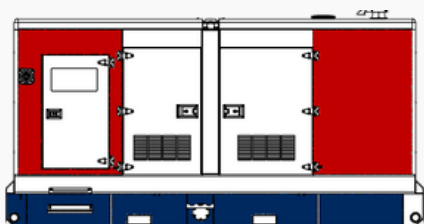
## Engine data

Engine brand	Perkins	Total coolant capacity	25 Litres
Engine model	1206A-E70TTAG3	Total lube oil capacity	16 Litres
Engine speed	1500 RPM	Bore	105 mm
Cylinders	6	Stroke	135 mm
Aspiration	Turbocharged, aftercooled	Compression ratio	15.8 : 1
Combustion system	Direct injection	Fuel cons. @ 110% standby load	64.5 l/hr
Displacement	7.01 Litres	Fuel cons. @ 100% Prime load	56.9 l/hr
Governor type	Electronic	Fuel cons. @ 75% Prime load	41.5 l/hr
Cooling System	Liquid	Fuel cons. @ 50% Prime load	28.1 l/hr

## Alternator data

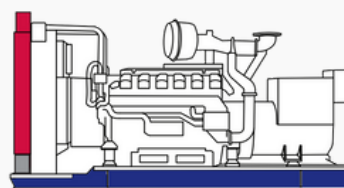
Alternator brand	Leroy Somer	Winding pitch	2/3
Alternator model	TAL046-D	Number of wires	6
Excitation	SHUNT	AVR	R150
Insulation class	H	Voltage regulation	± 0.8%
Drip proof protection	IP23	Power Factor	0.8

## Enclosed set data



L X W x H (mm)	Weight	Fuel tank	Noise@7M
3580 x 1140 x 1992	2888 kg	420 Litres	74.2 dBA

## Open set data



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L X W x H (mm)	Weight	Fuel tank	Noise@7M
2862 x 1117 x 1888	2174 kg	700 Litres	N/A

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